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TITLE: Synthesis of 2-substituted benzothiazoles containing amino acid, imino or heteroaryl moieties with anticipated fungicidal activity

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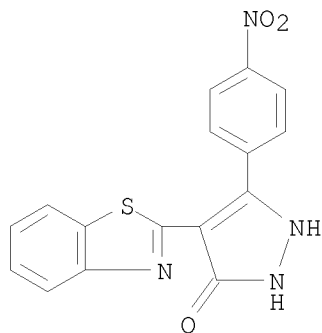
AB 2-(Benzothiazol-2-yl)-N-acetylaceto-hydrazide (I), prepared in 80% yield from 2-aminothiophenol and N-acetylcyanoaceto-hydrazide, reacted with compds. such as nitrous acid, aniline, benzaldehydes, etc., to give several derivs., some of which reacted further to give, e.g., benzothiazolyldihydropyridines. Compound I, among other products, exhibited remarkable fungicidal activity.

IT **175441-01-7P**

RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

RN 175441-01-7 ZCAPLUS

CN 3H-Pyrazol-3-one, 4-(2-benzothiazolyl)-1,2-dihydro-5-(4-nitrophenyl)- (CA INDEX NAME)



OS.CITING REF COUNT: 9

THERE ARE 9 CAPLUS RECORDS THAT CITE THIS RECORD
(9 CITINGS)